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**SAFETY DATA SHEET**  
according to REACH regulation 1907/2006

**1. IDENTIFICATION OF THE PREPARATION**

Identification of the preparation: **66BR CLEAR RTV SILICONE ADHESIVE SEALANT 3 OZ**  
Item No: **80050**  
Recommended use: **Silicone elastomer**

**2. HAZARDS IDENTIFICATION**

Classification: Xi - Irritant  
Most Important Hazards: Irritating to eyes and skin. Irritating to mouth, throat and stomach. When this product is exposed to moisture, acetic acid may be formed. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	Weight%	EC Number	EU Classification
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	>60	Not determined	None
AMORPHOUS SILICA 7631-86-9	<10	231-545-4	None
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE 64742-46-7	<7	265-148-2	Carc. Cat.2;R45 Nota N N:R51/53
ETHYLTRIACETOXSILANE 17689-77-9	<5	241-677-4	C;R34 Xn;R22 R14
METHYLTRIACETOXSILANE 4253-34-3	<5	224-221-9	C;R34 Xn;R22 R14
ACETIC ACID 64-19-7	0.5-2.0	200-580-7	C;R35 R10

**4. FIRST-AID MEASURES**

**General advice:** If you feel unwell, seek medical advice (show the label where possible).  
**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.  
**Skin Contact:** Wipe off material with paper towel or cloth. Wash off with soap and water. If skin irritation persists, call a physician.  
**Eye Contact:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
**Ingestion:** Rinse mouth. If swallowed, seek medical advice immediately and show this container or label.

#### **4. FIRST-AID MEASURES**

**Protection of first-aiders:** Avoid contact with skin, eyes and clothing. Use personal protective equipment.

#### **5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media:** Carbon dioxide (CO<sub>2</sub>), Dry chemical, foam  
**Extinguishing media which must not be used for safety reasons:** None reasonably foreseeable.

**Special instructions for protection and hygiene:** Thermal decomposition can lead to release of irritating gases and vapours.

**Special protective equipment for firefighters:** Use personal protective equipment. Avoid contact with eyes.

#### **6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** For additional information on processing see sections 7, 8 and 11 of this safety data sheet.

**Environmental Precautions:** Do not flush into surface water or sanitary sewer system.

**Cleanup:** Scrape up. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Slippery, can cause falls if walked on.

#### **7. HANDLING AND STORAGE**

**Handling precautions:** Avoid contact with the skin and the eyes. Avoid breathing vapors or mists. Do not ingest. Wash hands before breaks and immediately after handling the product.

**Storage:** Store in cool place. Keep containers dry and tightly closed to avoid moisture absorption and contamination.

#### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Component</b>	<b>ACGIH; TLV-TWA</b>	<b>German MAK; TWA</b>	<b>UK WEL; TWA</b>	<b>Finnish OEL; HTP</b>
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	Not listed	Not listed	Not listed	Not listed
AMORPHOUS SILICA 7631-86-9	10 mg/m <sup>3</sup>	4 mg/m <sup>3</sup>	6 mg/m <sup>3</sup>	Not listed
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE 64742-46-7	5 mg/m <sup>3</sup>	Not listed	Not listed	Not listed
ETHYLTRIACETOXYSILANE 17689-77-9	Not listed	Not listed	Not listed	Not listed
METHYLTRIACETOXYSILANE 4253-34-3	Not listed	Not listed	Not listed	Not listed
ACETIC ACID 64-19-7	10 ppm	10 ppm; 25 mg/m <sup>3</sup>	Not listed	8h: 5 ppm, 13 mg/m <sup>3</sup> ; 15min: 10 ppm, 25 mg/m <sup>3</sup>

**Ventilation:** Provide adequate ventilation .

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Skin:** Neoprene or nitrile gloves recommended.

**Eyes:** Safety glasses

**Hygiene Measures:** When using, do not eat, drink or smoke.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Translucent paste
<b>Odor:</b>	Acetic acid
<b>pH:</b>	Does not apply
<b>Boiling point/range:</b>	polymerization
<b>Melting point:</b>	Not determined
<b>Flash point:</b>	>95°C
<b>Risk of explosion:</b>	None reasonably foreseeable.
<b>Vapor pressure:</b>	<10 mm Hg
<b>Density:</b>	1.01
<b>Solubility in water:</b>	polymerization
<b>Partition coefficient (n-octanol/water):</b>	Not determined
<b>Vapor density:</b>	Not determined
<b>Evaporation Rate:</b>	Not determined
<b>VOC Content(%):</b>	4.6%

## **10. STABILITY/REACTIVITY**

<b>Stability:</b>	Stable under normal conditions.
<b>Conditions to Avoid:</b>	Exposure to moisture
<b>Materials to avoid:</b>	Polymerization can occur, Strong oxidizing agents, Water, Acids
<b>Hazardous decomposition products:</b>	Carbon oxides, nitrogen oxides (NOx), acetic acid, formaldehyde

## **11. TOXICOLOGICAL INFORMATION**

<b>Component</b>	<b>Weight%</b>	<b>LD50/oral/rat</b>	<b>LC50/inhalation/rat</b>
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	>60	>40,000 mg/kg	>535 mg/l
AMORPHOUS SILICA 7631-86-9	<10	>5000 mg/kg	>2.2 mg/L/1H
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE 64742-46-7	<7	7400 mg/kg	4.6 mg/L/4H
METHYLTRIACTOXYLANE 4253-34-3	<5	2060 mg/kg	
ACETIC ACID 64-19-7	0.5-2.0	3310 mg/kg	11.4 mg/L/1H

### **Local Effects**

<b>Skin Irritation:</b>	May cause skin irritation and/or dermatitis.
<b>Eye Irritation:</b>	Irritating, but will not permanently injure eye tissue.
<b>Inhalation:</b>	May cause irritation of respiratory tract. May cause irritation of the mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors. Note: This product does not contain microcrystalline silica.
<b>Ingestion:</b>	Irritating to mouth, throat and stomach.
<b>Sensitization:</b>	None reasonably foreseeable.
<b>Chronic toxicity:</b>	None reasonably foreseeable

### **Specific Effects**

<b>Carcinogenic effects:</b>	May form formaldehyde at high temperatures.
<b>Mutagenic effects:</b>	None reasonably foreseeable.
<b>Reproductive toxicity:</b>	None reasonably foreseeable
<b>Target Organ Effects:</b>	Eyes, Skin, Respiratory System, Gastrointestinal Tract

## **12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** May cause long-term adverse effects in the aquatic environment.

## **13. DISPOSAL CONSIDERATIONS**

**Waste from Residues:** According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

**RoHS/WEEE:** This product is in compliance with EU Directive 2002/95/EC Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) and EU Directive 2002/96/EC Restriction on waste electrical and electronic equipment (WEEE).

## **14. TRANSPORT INFORMATION**

### **IATA**

**Proper Shipping Name:** Not regulated  
**Hazard Class:** Not applicable  
**UN/ID No:** Not applicable

### **IMDG**

**Proper shipping name:** Not applicable  
**Hazard Class:** Not applicable  
**UN/ID No:** Not applicable  
**Marine Pollutant:** None

### **ADR/RID**

**Proper Shipping Name:** Not regulated  
**Hazard Class:** Not applicable  
**UN/ID No:** None

## **15. REGULATORY INFORMATION**

**This product is classified in accordance with Annex VI to Directive 67/548/EEC**

**Suspect cancer is not applicable - Refer to Section 2.**

### **Indication of Danger:**

Xi - Irritant

### **R -phrase(s):**

R36/38 - Irritating to eyes and skin

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

### **S -phrase(s):**

S 2 - Keep out of the reach of children

S24/25 - Avoid contact with skin and eyes

S37 - Wear suitable gloves

S51 - Use only in well-ventilated areas

S61 - Avoid release to the environment. Refer to special instructions/safety data sheets

**Product Name:** 66BR CLEAR RTV SILICONE ADHESIVE  
SEALANT 3 OZ

**Item No:** 80050

## **16. OTHER INFORMATION**

### **Risk Phrases mentioned in Section 2:**

R10 - Flammable.

R14 - Reacts violently with water.

R22 - Harmful if swallowed.

R34 - Causes burns.

R35 - Causes severe burns.

R45 - May cause cancer.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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**Revision Date:** August/07/2008

**Revision Number:** 7